7530-274-5494 FEDERAL SUPPLY SERVICE

Kristersens

For Tordingores an Other Minte Critters

6 8

in the distance of the distanc

Higgins modification:

Saturate sensoter as above w/ sodien borate. Addenne for it make a 12% solution. Delute will dH20 to make a 6% from line solution who needs to use.

Kristensens How Torder, 225 and Otron Mirie Critters  $= \left( \frac{1}{N_2} \right) \right)} \right) \right)$ in the transfer of the state of in the first the second of the wit dHad homester 4 to form in the Win : in the Higgins modification: Saturate senater as above of sodium borate. Add enough for the to make a 12% solution. Delute will dH20 to make a 6% formalin Dolution when next to use.

Edwardse Jew. - Spiner Stat on Certicodores iniddosol Apinen jo 200
the city of wind on furench "x" - Thinner wo shorter terminal

\* Spene relative to bady langth

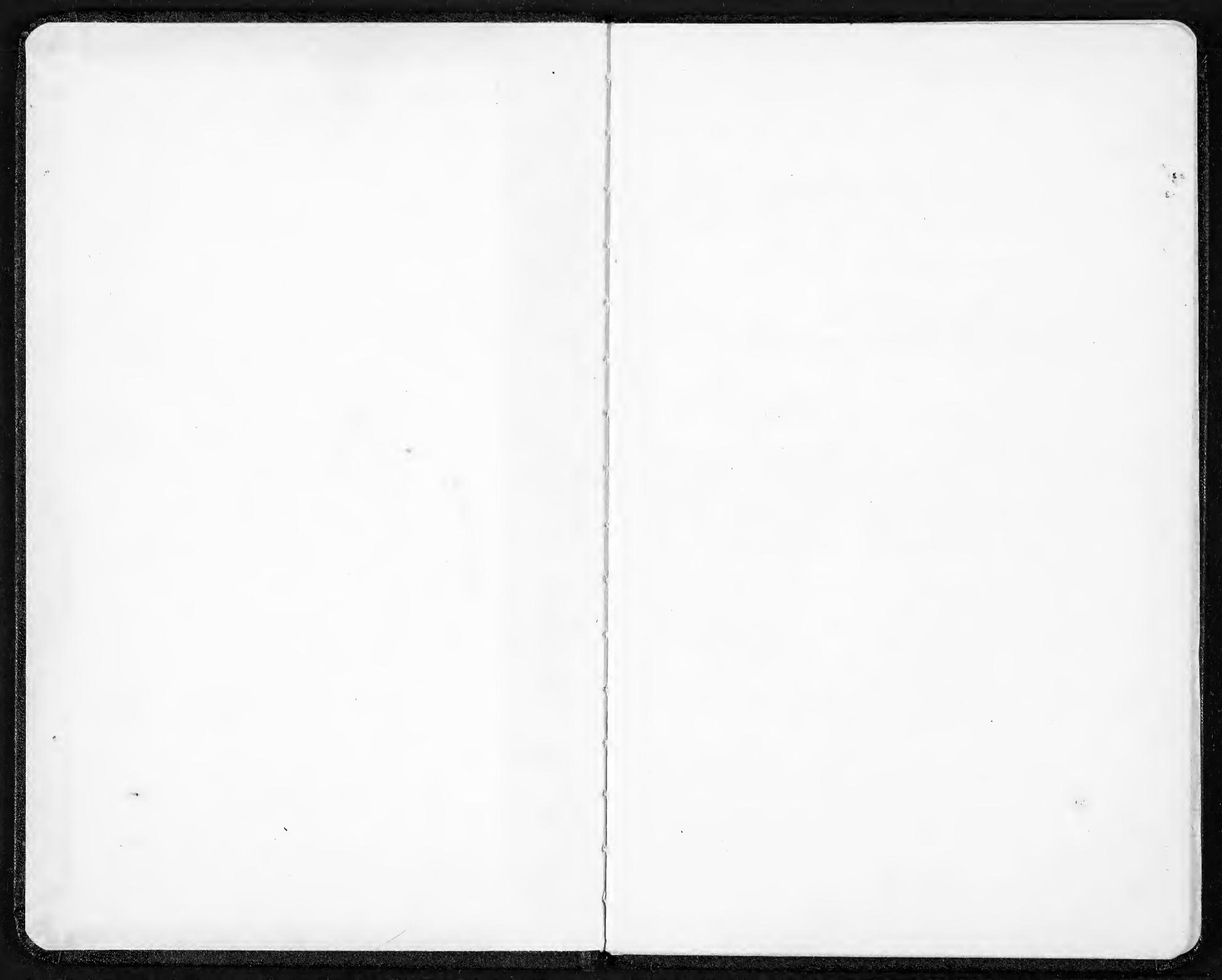
2 or 3 large do in 2 sp. Remnorderes - longer terminal spens relatives to Short chiebly loody - 1 Streenly Segment squared ... Cothers - desent there donal spines on all regrests

no "humps" COMMON Rate ( lateral view) shorter enger P.1 P-1 Thick straight (or less arms) Thin , curved "kumps P-2 (lateral view)

Pychophys centrophyer-1? Congraphics 3-5. Centroduca? Echiwoletes 67891011

840403.1 RH 1953 1 Jantail 1 552 / x. Corbected Ken, NGO dipt RII Brillians, Dissiste Mais Clar 11 84 55 W 24° 385' N Halin I. with your d

1 - 1 draw viel 1 60 ml bottle cessolve



## KRIETENSENS" FORMALIN

- 1. Add sodium borote (BORAN) (N2 P4 67.10 H20) to a given volume of fittered see water until setewated
- 2. Add enough full strongth formalin to make an 8% (12%)\*
  Solidion [Husis a stack solution]
- 3. Dilite stock solder with equal volume to make a 4% (6%) Solder when ready to use.
  - of excess was water added during bulk

Cruise No. Two. 16
2-1-82
Coe: RPN: MLW
Approx. Location - 20 nautical miles offshore
Fit. Pierco
Temp. 74

820201.1 Sample # 3 RH 1559
Time in 1:30.
Time out 1:35.
5 min.

Joran C in: 14407.28

43238.30 Depth: 72 fattoms
Joran Cout: 14408.40

43245.47

Samples completely sorted

Acc. 348815

Cruise No. 16 Sample # 4 Time in 1:46 doran Cin: 14409.07 Loran Cout: 14410,40 43257.69

Sample washed out

Sample # 5 820201.2 RH 1560 17 min + 30 min to retrieve

Sampe had more sealment - muddy Loran C un 14410.38 43260.19 Joran C out 14411.50 43269.38

Depte: 64 fathoms

In order of abundance

Most abundant: Pycnophyes (
Centroderes

Junch (2 species) pyrrophyes with extruded eggs V-Few

Musi invertebrates: Dono tanaids, some polychastes Done nematods, numerous atracads, some

copepado y à few meter 4 turbellarians Some du residue left Acc. 348815

Date: 4-5-82 Geneso No. 18 Collectors: Higgins, Wallace, Reichardt Approx. location: Gulf Stream Temp. 78°F Salinity 61 refindex Time In 1147 Line Out 1200 Total time: 13 meneutes 820405.1 = Joran C 14405, 4 Damples 1 + 2 43229.8 combined Depth 66 Attoms. Little sediment + completely socied Time elm 1220 Time Out 1230 Total time 10 minutes Locan C 14405.9

Cruise No: 18 Sample 3 Time Eln: 1240 Turne Out. 1251 Total time: 11 min. doran C 14407.6 43240.9 Depth. 67 Altoms. Sample lost Sample 4 lime cln: 1257 Time Out. 1310 Total time 13 min Joran C 14408.8 43249.6 Didn't get a sample Dample 5 -Time Un: 1325 820405.2 RH 1562 Time Out: Not completely 1337 12 men . 14410.8 43263.8 Pipe dredge

Date: 6-2-82 Cruise No: Trs. Cruiso 19 Collectors. Robert Higgins, M. Wallace, JB Pircano Approx. Location: Sulf stream
Temp. 80° Salinity: 35°/00 Sample 1 820602.1 Time Un 10:36 RH 1598 lime Det 10:51 15 minutes Joran C: 14405.12 43231.32 Depth: 722 sfathoms 133 meters ancha dredge Jample 2

Time vln: 10:52

Time Out: 11:07

15 minutes anchor dredge RH1599 Loran C: 14406.94 43241.81 Sample 3 Time elm: 11:32 Lino Out: 11:48 16 menutes doran (: 14407.21 43236.89 Higgin's meiobenthic dredge Sample lost

Date: 6-2-82 Cruise No: Tro. Cruise 19 Collectors. Robert Higgins, M. Wallace, JB Pircons Hugh Rechardt Approx. Location: Tulf stream Temp. 80° Salinety: 35 /00 820602.1 Sample 1 Time Un 10:36 10:51 RH 1598 limo Det 15 minutes doran C: 14405.12 43231.32 722 Salloms ancha dredge Depth: 133 meters 830603.3 Sample 2 Completely sorted RH1599 Tumo clon: 10:52 Timo Out. 11:07 15 minutes 14406.94 doran C: 43241.81 Sample 3 Tune eln: Line Out: 11:48 16 minutes doran (: 14407.21 43236.89 figgin o meiobenthic dredge tal elan

Lateral view - Thin fan mulul

Washbottles

yellow = ale

red = farmalin solid ped: 95%

blue = sea

clair = dist,

green = de w/glye

Blue - Tard Red - Kins Green - give away White - unsorted Yellow - residue

Cruise No: 18 Sample 3 Time Dut: 1251 Total time: 11 min. Loran C 14407.6 43240.9 Deptt: 67 afters. Sample lost Sample 4 Time cln: 1257 Time Out. 1310 Total line 13 min Loran C 14408.8 43249.6 Didn't get a sample 820405,2 Time cln: 1325 Time Out: Not completely 1337 12 min . Loran C 14410.8 Pipe dredge

Gruise No 20 Collectors Reichardt, Higgins + Wallace Approx lot. Kulf Stream Temp. 85° Salinity 35%00 Sample 1 820802.1 RH 1625 Jems Elm: 11:12 Jume Dut: 11:30 18 min. Joran C 43215.80 61924.53 Sorted Completel Depth: 74 stathoms anchor dradge 300 m. of line released Sample 2 820802.2 Time Un: 11:44 Eucomphyes sp.1-most abundant Time Out 12:00 16 min. Loran C. 43227,90 Many pyrnophyes 61921.91 72 Sathoms Centrodores 300 m af line released Ancher Gredge No Demnodores Few Kinochens + Echinoderes Pal = Short + redust Plane Long Shinny Lample completely Lample completely Solves Long middowal spines Societ Surference Lemnoderes has short on the Secretary of the Secretary Lambert Lample completely the Secretary Lample completely the Secretary Lample completely the Lample completely the Lample completely the Secretary Lample completely the Lampl of remedelosal Spines - along all signist a

Date 8-2-82

RH 1628

JENHA

Acceptable ranges
43238-43236
61923 Starting coordinates for most bample

Take coordinates beginning time when 300 m au in + when the Begins To retrieve which.

NITEX Net : TETKO, Inc 420 Saw Mill River Read Glusford NY 10523 914-592-5010

The second second

Qui. 4 QJ. 1982 Grune 100. 23 Collectors Themp 84 Salinety 35/00 Sample #1 x 2 - no Sample szetrieved w. Box cover Sample #3 - a little sediment - Box cover 821004.1 1 umo elm: 12:01 Time Out: 12:06 5 min ? Joran C. in: 43229.8 61923.1

Joran Cout: 43230.3 61923.0

Depth: 68 Sattoms

No kurochyneks!

Sample # 4 Box corer - Ino sample.

Sample # 5 - anchor Dredge 1 ime 2m: 12:40 821004.2

Time Out 12:54

Depth: 69 Sathoms

Joran C In: 43232.7 61921.0

Loran C Out: 43231:4 61922.3

Good Danyels Eyemophyes sp 1 most Controdores - ment mos abundant (over)

Some sp "x" + Semnoderes spo Tew Kenodeynakes + Sew Eckinoderes

"X" has been more abundant Than in previous Sample Pj" - more abundant than in previous

Sorted residue down in Ft. Pierce consequently use have 2 sets of sorted
vials.

Fish House Cove, Ft. Pierce, F1.

Od. 7, 1982, 821007.1 Joc. Fish house cove )

Dear Drestge

Coll. RPH, NWoode

Depth. I meter ()

Sample # 2 821007.2

Lec Fish house cove Coll: RPH/ Woody

Kinorhynchers Pychophyles Ap

Woody has samples

Date: 6 Dec. 1982

Tres. Cr: 24

Collectors: Higgins Wallace et al

Copprox location. Hulf stream

Temp: 76 F Salinity 35 % 821206.1 Time Dut. 11:00 14 min Loran C. 432309 61920.6 6/91901 Depth: 10 Sathoms Anchor Dredge Only I sample taken . 821206.2A Loc. 27 30.0 N, 80° 11.2'W Anaphienus - coarse sand stell 6 mi E Ft Pièrre 16 m depth

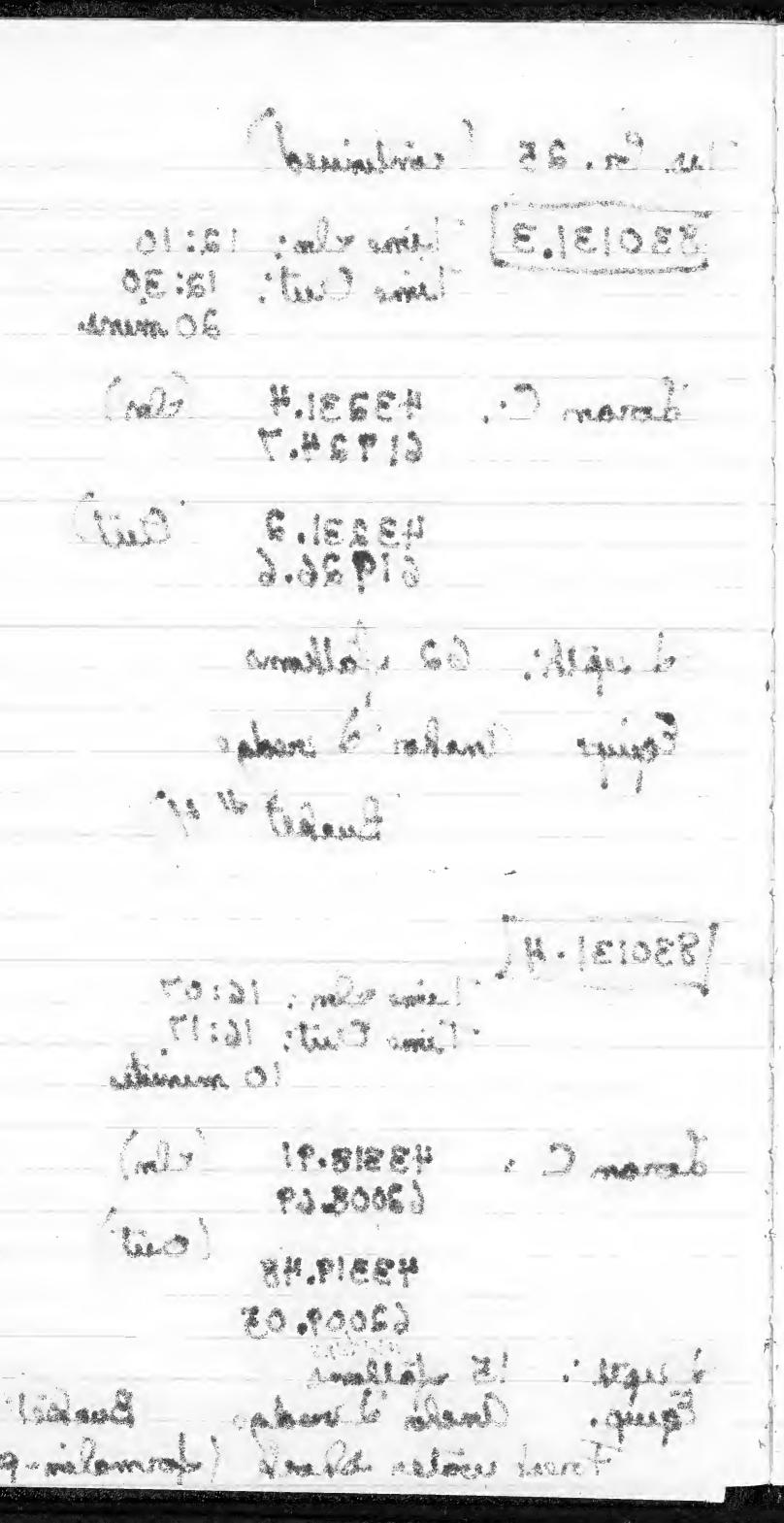
Minorhynch = from both. 2A4. 3B= RH 1654

The state of the s

Tro. Cr. 25 Collectors: Diagoins, Wallaco, Recelorat, Los Approx. Loc: Veast FJ. Pronco Inlet Temp. 76 F Salinity: 35/00 Time Out. 43226.2 61922.3 68 fathoms (approx 124 meters) Box Cover (Bucket #1) 830131.2 Timo Der. 11:46 Timo Det. 12:00 RH1661 43230.7 (clm) 61921.8 43233.2 (out) aneld Drudg (Buchts #2+3)

Date: 31 Jan 1983

Tro. Gr. 25 (continued) 830131.3 Time cln: 12:10 Time Out: 12:30 20 muns RH 1662 Loran C. 43231.4 61924.7 43231.2 (Qut) 61926.6 Depth: 62 falkoms Equips analos Drodge (Bucket #4) 830131.41 Deca Time elm: 16:07 Rand and Timo Out: 16:17 Darlandon 10 menutes - 12 handel 43318.91 (cln) RH1663 62008.69 43319.48 62009.05 meters cateria



830201.1

1 Feb 1983 1600 hrs EST Beach at Pepper State Park, F1 Presce
Interstitual sample taken at High tide mark
3/4 + way to low tide at low tide.

Coarse to medium sand 36/60 3

28°C 25-50 CM herrizon
25-50

Reinhardthis

fresh unter shocked, Kristonson formalin

Coll. Higgins and Lee

830205.1 Beach at Howard Johnsons Islamorada, Hlorida

Calmoderes

RH 1664

Big Pine Key
Collectors: Higgens, Md Wallace, Jim Thomas
830206.1
Sheriff's Island Clannel RH1665
Fine grey muid
HMD
Pycnophyes & Echinodores

Menfound Harbor Channel Marker 3 NMD

R41667

Newfound Harbor Channel Coupon Bight mear power lines Depth: I meter Lycnophyses, Echinoderses

830206.4

7 mile 5W Marker # 5 for shock (Rampard has) [R41668]

830206.5

400 yards SW Sheriff's Elsland Fine mud I meter depth



Call Date: Guise No. Tors. Gr. 26 approx location: E of Fit Puriso Sample 830,405. 1 + 830405. 2 - no Sediment obtained w. Box cores Lample [830405.3] Time elm: 11:06 Time Out: 11:36 Most abundant = 1. Then C Some in roderes 30 min. Tew Edinaderes Loran C In: 43228.6 Vary yell Pa 61920.5 RH1681 日山: 43229.3 61924.8 Depth: 66 efathoms 6 Will Station

14 min .

Leran C Dn. 43296.06 62005.31

> 色. #3299.40 62006.08

Equip. 35 feet Equip. anelle Dredge Buellett #3+6

Bucket 5 Echnoderes + Pycrophys

Clean sheep somple Vrwskish

Sample 830405.7

Time Dn: 15:09 Time Out: 15:20 11 min.

Loren C Wn: 43319.68 62006.88

> Qut: 43317.24 62005.41

Depett: 50 feet

Epip: Ancho Dredge No sample!

Sample | 83 04 05.8

Time Dui: 15:40 Time Dui: 15:48 8 min.

8 RH 1683

deron C clar. 43319.8 62015.3

Locan ( Out: 43319.5 62015.4 Bucket 8 To Juch Western

Equip: Anchor Dredge

Buskets 7+8 (lots of reclas

Muddy Janes 17A= & File & hock 7B= John Bob Ground Sommels 1 Toursdigradest King III Educations

Time Den: 15:55 Time Quit: 16:63

Joran C Wn: 43316.6 62014.7

> Out: 43313.8 62014.0

Equip: 45 steet Equip: anche Dredge Buchet #0 John Hummberg

RN 1684

the Dredge # Holecarte Buchets 9+10



June 7, 1983 GEAR: HMD 830607.1 Buchet RH 1685 27°29.24 N 80°10.17 W 62003.8 Tumo elm 8:36 Timo Out 8:47 27°29.32 N 80°10.31′W Out: 43294.7 62004.5 Tumo In: 8:57 830607.2 27°29,21'N 80°10,70'W Un 43295.4 62006.9 270 29.29'N But. 43296.3 80° 10.66'W 62006.6 GEAR: HMD Special = amphigory Bucket 83060 7.3 June: 9:20 9:33 2730.02 Un: 43305.

GEAR: HMI)

80° 10.95 W

62007.0

43306.5

62006.5

Bucket #4 830607.4 RH1688 27° 30.16 N -Un: 43302.4 80° 10.14 W 62001.9 27° 30.39 N · Out: 43304.0 80°09.96 W 62000.4 Depth: 58 4 Time: 9:45 GEAR: HMD 10:00 Bucket #5 830607.5 RH 1689 0 2 27,30.80 N 3 80 10,40 W Un: 43310.2 62002.0 27°30.92 N Dut: 43310.9 800 10.28 W 62001.2 Turno: 10:11 Depth: 39 feet GEAR: HMD 10:26 Bucket #6 830607.6 RH1690 27,30.77 N 80° 11.27 W In: 43314.1 Out: 43315.2 62006.4 Time: 10:38 27° 30,93 N 80° 11, 19 W

10:55

8306 14.1

Date: 14 fune 1983

Coll: Woody Lee & Hugh Richardt

Loc: Apprend 20 nautual miles E. of Fit. Pierco

Depth: 117 m.

Time eln: 14:54 15:10 16 min. Horan C: 43231.1 Eln. 61923.0

Loran C: 43231.8 Out 61924.3

GEAR: anelon Dredge

830726.1

60. Date: 26 July 1983

Gruise No: Tru, CQ.

approx docation: E of Ft. Pierce

Time Un: 11:24

Time Out: 11:40

Depth: 66 falkons

16 men Loran C In: 43229.4

61922.8

Loron C Out: 43237.7

619 22.9

Equipment: Anchor Dredge No Sample Glenot untied

830726.2

lume Eln: 12:09 Time Out

RH 1692

13:30

Loran C Un: 43231.6

61921.9

doran ( Out: 43235.1 61923.8

Anchor Dredge. Very little sedement

## 830726.3

Time Dut 12:44 Time Dut 12:51

doran C Dn: 43230.3 61921.4

doran C Out: 43236.4 61921.5

Equip: Anchor Bredge
No sample
Busket (2)

830726.4

Time Eln: 13:26 Time Oul: 13:38 12 min

doran C clm: 43231.8 61921.8

Loran C Out 43244.7
61922.3
Equipi Ancher Dredge
No sample - knot untied
Depth: 69 Sottoms

Samples 5 cb - plantion town

836726.7 Ly mile site actually taken approp 8 miles offerme Time On: 16:43
Time Det: 16:53
10 min.
8 oran C. Dnie H3288.6 RN1693
61992.4

Stram C Out: 43288.4
61991.6
Equip. Chicket Driedge Echinoderis 4
Cood Marie (3)
Build (3)

830726.8 - Loulety - approx Timeles. E Fot Pierce and

Time Out 17:05 Time Out 17:15

Acran C On: 43292.4 RW 16944

Acran C Out 43291.9

61998.5

Equip: Anchor Dredge

Buckets (4) 9 5)

SIX-MILE-SITE 04 OCT 83 samples blen w/ancher dredy, shy in ~100 m circle

831004.1 STA (A)

Time in: 0855 Time out: 0859

Depth in: 54 At

Depth ant: 50 Loran Cout: 43350.2,62018.2

Lament in: 43349.5
Sed. Type: 62088.0

Bucket no. /

worm rock area, coorer sand w/ mach silt

831004.2 STA B

Tim in: 0915

Depthin: 56"

Lorent C 10: 620 10.8

sod type:

Time out: 092.7 Dysthoute 53'

Loren C pot: 43344.1,62010.7

Backetin: 2

coarse oand w/ Anythism

KH1818

83/804.3 Stac

Time in: 0940

Depth in: 54

Loren 6 in: 43341.0 62003.7

Trien met: 0952

Depth Dut: 49 Larancoint 433418, 62003,7

Bodiet# > 3

comes sand, relatively chean

RH 1819

Slevery letry is sorting all samples from 64 Oct. 1983 crosse

831004.4 Sta F

Time in: 1005

Time out: 1017

Dayothin: 58

Depth out: 56

Loron Cin: 620 04.0

Loran C int: 43329.6

Seel Type:

Bucket 180: 4

mud in coarse sand, first bucket mostly used second neverthy corner sand but my silly

bubble fraction of a Cataria,

RH 1820

831004.5 Sta(E)

Time in: 1030

Dythin: 581

Larancini 33.9 11.3

There out: 104-1

Depote out: 56 st. Loren Cod: 433338

Sed Type:

Bucket no: 5

coarse soud, much shell, sitty

831004.6 D

Thu in 1052

Time out 1102 Depth out 45"

Dyothin: 481 Lanne C'u: 433 387/ 620 18.2 Loren C'in 433 38.9, 620 18.3

Sed Type: finer sound

Budel no: 6

muxed of coarse + shill, some silt

the state of the s

The state of the s

The state of the s

831004.7: Sha (G)
Time in 1115
Time out 1/25 agold in 35 Loran Grin 43326.6 62017.9 Sed Type med send, Bucket no. 7 and the second of the second o RH 1823

Term out 1/25 Depoth sut 35 Loranc out 433 27.2.

83 1004.8 Sta (H) Time out 1144 Turam 1185 Dayth out 48 Depth in 54 Loren Cm 43321.9/62011.1 Loren Cont 43322.5/82011.3 Seal type Bucket no. 8 med-coorse, bettle set The state of the s 

RH 1834

836004.9. Sta(I) Twe ma 1157 Daythin 35 19.1 / 62003.7 Sed type

Time wt 1206 Dogth out 491
Loran Cons 43320.4/620042 Breefeit no. 9

med come of shell H 1832

831004.10

Loren 6 in

Tues out /243 Depth out 50 Loran C out 43325.9/4097.1 Bucket (w/o handles)

Six Wile Site 6 Dec. 1983, Temp: 76 F docatety: 6-8 mi afshore Alean Anchon 931206.1 Time in: 925 Time Out 9:37 Depth in: 62 st. Depth Out: 63 st. dorum Cun. #3336.30 61997.34 doran Cout: #3335.93 61996.07 Sedement Type: Wedum Sand, Stell Mash Bucket no: 142 R41827

831206.2 Time Un: 9:51 Time Out: 10:02 Depth im 59 St. Depth Out: 58 St. Joran Cum: 43324.9 61997.1 Joran Cout: 433 25.2 61997.5 Bucket no: 3 44 w. amphiopous to probably record has represent the product

831206.3 Turne en: 10:19 Time Out: 10:30 Depth in: 57 th. Depth Out: 52 th Joran Cum 43311.1 61996:8 Loran Cout: 43312.1 61996.3 Sedement luppe: Slightly lines shell hash. Bucket no: 546

'a desert processed live - observed - then presented Mood ateriat Demonoclares + RH1829 

831206.4 Time in: 10:48 Tuine Out: 11:01 Depth in: 61 ft. Depth Out: 60 ut. Loran Cin: 43305.4 62003.2 doran Cout: 43307.1 62003.0 Sediment Type Medium sand, clean shell hash in. Bucket no T RH1830

831206.5 Time in: 11:24 Time Out: 11:34 Depth in: 64 H. Depth Out: 65 St doran Cin: 43'302.4 61997.7 Loran Cout: 43301.7 61996.2 Sedement Type: Coarse sand, shell hash w Bucket mo: 8 q 9 ampliopus 2° puret processed have - observed the preserved

RH 1831

831206.6 Time in: 11:50 June Out: 12:01 Depth in: 59 st. Depth Out: 64 st Joran 5 m: 43299.0 61990.2 Joran Cout: 43297.1 61991.4 Sedement Type Medium Sand, shell Mash Bucket no:0' 10 + 11 RH1832 Note: add n 5 eft to depth reading because Ship in ~ 100 m circle

831206.7 - Plankton tow Date: 6 Dec. 1983 Time Out: Heigh's Dameb Time In: Time Out: Flometer - 42835 Jemp.

A STATE OF THE STA

Just kinochynch - difficult to identify 3 Core samples taken on Jan. 31, 1983 Cores # 3, 4 45 830131.1 3A: Pyenophyes - 10 Various invertebrates - 89 830131.1

3B: Echnoderes - 14 Centroderes - 1 Typenophyles -13 (siw. ?) Various invelebrates - 16

Echnoderes - 10

Semnoderes - 5

Centroderes - 6

Cateria - 4

Unknown - 1

Typerophys - 2 830131.1 3c: Henorlyned - 1 Unknown -Various invertibrates - 3

Sherry Petry Completed samples as af 12/7/83 - anything labelled

3D: No animals 830131.1

830131.1 3 E: Various invertebrates - 6

830131.1 3F: No animals 830131.1 36: Various invertibrates - 1

The second secon to find the second of the seco the state of the s The same of the sa The state of the s the state of the s The transfer of the second of was the state of t - 49.6 1 1 10.1 \* = 4 1, 7, 1.4 g = 17. 9 6 K 1 A STATE OF THE STA The state of the s The state of the s and the second to the second 

Shorry Petry - completed Damples RH 1660 Continued 830131.1 4A: Pyenophyes -Echinoderes -Cateria Demnoderes -Unknown -Various invertebrates - 55 Solenogaster 4B: 830131.1 Kinoshynchs - 20 Typenophyes - 17 Echinoderes -Centroderes - 2 Various invertebrates - 11

4 C: Pyenophyes - 1 830131.1 Various Invertebrates 12 (mostly polychaetes)

4D: Various invertebrates - 6 No kinochynicks! 830131.1

4 E: No skinochynche stardigrades non Toriciferans sprind 830131.1

830131.1

4 F: Various invertebrates - 2 No kinodynchs 4 6: No invertebrates or kinochynds 830131.1

RH 1660-Ocontinued 830131.1 5A: Caleria - 1 the state of the s active a second of the second e + 14 .4 in and - No on all I am h i h 1 D mid-1.12 19 19 19 10 The second secon - In the second of the second t rep to the total

Shory Letry - completed Dample Lyonophyes - 6 Eclinodores - 12 Semnoderes - 1 Paracentrophyes - 1 Various invertebrates - 23

> Remarks: I Specimen (Echinoderes) set aside for photography 830131.1 5B: Pyenophyes - 10 Centroderes -Cateria Echinoderes -Kinochynchs -Unknown -Various uniertebrates - 11

50: Various invertebrates - 3 830131.1

830131.1 5D: Various invertebrates - 7

5F: Various invertebrates - 2 830131.1

830131.1 5F: No animals

830131.1 56: No animals

"1 # 31 1 A1 1900 19 11 A. 1.

to the state of th

\*\*\*\*

in a contract of the contract

1 1 4 135 6 .

Date: 22 Sept 1983 Collectors: Shoony Petry and Woody Lee Slovey Petry - Cores sampled 9/22/83-3 station Sampled B-1-1 830922.2 1.1 Tardigrades -1 Cateria - 5 Music. - 169 (122 copepods) B-1-3 830922.2 1.3 Music. - 48 B-2-1 830922.2 2.1 Music. - 61 B-2-2 830922.2 2.2 Muse. - 13 830922. 3. 2.3 Muse - 20 830922.2 3.1 Cateria - 3 Muse. - 91 831004.1 Anchor Dredge Weic. - 19

The state of the s The same of the sa

Pepper State Park, North Hutchinson elsland, Ft. Russe.

840208.1

Collectors: RPH, Reunbordt Koustensen, MHW.

+ Shorozy Petry

docality: Pepper State Park, 10 meters morth of north boundary line, 8 meters sfrom high tidd mark (19 meters efrom sign.)

Depth: (70° E).

Temp: 15° E

Substrato: Sand Sample taken.

840208.2

Hocality: Pepper State Park, 10 meters north

Hocality: Pepper State Park, 10 meters month of north Loundary line, 7 meters from high tide mark (18 meters from Sign)

Depth: 7 meters (50-75, Lemp. 16° C Substrate: Sand

SHO208.3 Locality: Pepper State Park, 10 meters morth I morth boundary line, 6 meters Shrom high tide moork (17 meters from sign)

Six- Wile-Site RIV Morning Watch Collectors. RPH, Reinhardt Kristensen, Mhlid. Shoory Petry, Julie Iviano + Hugh Reiclardt Loc. Six miles east of Ft. Levice, Florida RH 1877 840209.1 6.5 miles of share Time clan: 11:30 Depth; 60 faxt. Time Out 11.45 Depth: 55 feet 43321,1 619948 Loran Out: 433255 Sediment? 619933 Bucket No: 1 Black, coarse sand; dredge à full 840269. (2) RH1878. 43319.4 Dopth: 35 feet Som alm Jime: 12:03 620022 Nepth: 55H 435182 Lan our Jime: 12:17 62004.1 43318.2 Deptz 50 fe Tine: 12:20 620050 coase Amphicaus -Good, sample.

mixed with

block

sand.

## 840209. 3 RH1879

in Time: 12:35 Depth: 45ft Soron: 433149

620622

out, Tine: 12:47 Depth: 45ft Lovania

Loran out 433154.

Fine amphious sand Bucket 3

Tardignada:

848209.1, 2 and 3

Batillyses now. sp. 1

now. sp. 2

Bottlyses diviocences

Tanarctus dentriticus

Tanarctus colonis

Tholoarctus natans

Archanneleds. Saccocivilus sp. Priotootrilus sp. Duerodrilus sp.

Loucytera (840209.2) Manaloricus mysticus

Tusk Slell: Elnterstitial Dentaluim (840209.2)

Six Wile Site Od. 16, 1984 Collectors: Hugh Reichardt, Woody Lee, Sherry Petry MhW & RPH O 841016.1 Time In: 9:18 1 cme Out: 9:28 doran C elni. 43310.1 62004.8 Joran C Dut: 43309.4 RH 1954 62003.7 Depth: 58 At Dear: anchor Dredge Sectioners. Shell hosh Jourse Rinselyncho (Enlura a Semnod) tardigadi 841016. AA Total John Speinculan Jume cln: 9.35 Turne Out 1 9:45 doran C In: 43310.6 62004.0 Loron C Dul: 43311.0 Repth 14396.6 Dear: anchor Dredge Decliment combined & #1

841016.2 Trume Klon: 9:58 RH 1955 Time Out: 10:08 Loran C Un: 43320,4 14398.1 Loren C Out: 43320.7 14398.2 Leon: anchor Dredge Sediment: Shell house 841016.3 Leme cln: 10:19 1 ume Dut: 10:29 Josan C Eln: 43320.1 RH 1956 14460.0 Joran C Out: 43320.4 14400.0 Dear: anchor Dredge,

Jean: Anchor Dredge Sedument: Coarse Sand mised W. Shell Fauna: Sipinulary, Limor (Lyonop, Echins & Lamoderes) 841016.4 Tandigrades Time Un: 10:40 Time Out. 10:50 Josan C. Un: 43309.8 RN 1957 14399.9 Joran C. H3309.9 14400.0

Sean: Anchor dredge Sedement: Course Seend

841016.5 Tume clon: 11:12 I wome Out: 11:17 doran C In: 43299.9 14397.9 doran C Out: 43300,0 14398.0 Gear. anchor Fredgy Sedement: Coarse Sando Tauna sustifiers, mise tardigrades, Demnoderes & Echinoderes, mary tardigrades 84016.6 Time Un: 11:35 Time Out: 11:40 Joran C In: 43300.0 RH1959 14396.1 · Loran - Out: 43300.7 14396.2 Dear a anchor Dredge Sediment: Coarse sand with shell

